

September 21, 2015

Kevin Turner

On-Scene Coordinator

USEPA Emergency Response

8588 Rt. 148

Marion, IL 62959

RE: Monthly Progress Report No. 21 (September 2015)

Chemetco – Hartford, IL 62048

Dear Mr. Turner

This monthly progress report is submitted by Paradigm Minerals & Environmental Services to satisfy the requirements of the Consent Decree [Case 3:00-cv-00670-DRH-DGW Document 209 approved on 9/13/13](#) to provide U.S. EPA with a monthly progress report about the ongoing activities at the former Chemetco Site in Hartford, IL.

1. Actions Taken During the previous Month to Comply with Consent Decree
  - Processed and sold 5,713.15 MT of material in July to DJL Mining.
2. Summary of Data Received during the Reporting Period:
  - Storm water Outfall #5 data can be found on Illinois EPA Netdmr website.
  - Air monitoring data is available on the drop box link from Aton.
3. Work Plans and other Deliverables Submitted during the Reporting Period:
  - Air Monitoring work plan is under USEPA evaluation.
4. Activities Planned for the Next Reporting Period:
  - **Metallic Separation Plant-**
    1. The plant is finished and operational. Will continue making modifications to improve efficiencies and thru put on an ongoing basis. This plant is producing 4 product streams. 2 of the product streams are finished product and will be shipped as is. The other two product streams will be used as a feedstock for further processing. These two feedstocks are mostly an iron based material with some residual copper/tin and zinc. By removing the iron thru conventional means we will produce an iron product and another Copper/Zinc/Tin product. That material has been sent to Erie's

magnetics for evaluation and testing for equipment recommendations. We have started working 2 shifts per day. Getting proposals for rock to improve Old Altenburg Road.

2. Prepping for truck traffic infrastructure and truck decontamination areas.
3. We are working with the City of Hartford to get city water to the site thru an annexation agreement. We are negotiating the annexation proposal from Village of Hartford and are working towards a final agreement.

- **Zinc Bunker-**

1. Continue shipping material
2. The material is being screened prior to shipping to remove the slag. Slag will be put thru the metallic separation plant.

- **DIS Building**

1. Demolition of the DIS building is underway and work is being done as available time permits.

- **Fugitive Dust**

1. **Air Monitoring System-** Continue operating with the air monitoring system in place and are posting the data on a monthly basis to the Dropbox for EPA access. Upgraded the equipment with telemetry to provide real time reporting which also provides access remotely to key personal 24/7 with exceedance alert functions to that may need immediate attention. We have not had any exceedances in August that require any major modifications.
2. **Dust Suppression-** Installed water misting systems to the processing plant to reduce fugitive dust.
3. **Water Spray Truck-** Purchased a water truck and is operational as of 9/21/2015 to keep the high traffic areas wet on a daily basis to reduce fugitive dust.

- **Waste Management**

1. Finished Cleaning debris from around the site to esthetically improve the site.
2. Segregating the waste materials collected from the site from housecleaning and ongoing operations in a uniform manner to profile and prepare for offsite shipment to appropriate waste receivers.

5. Problems Encountered, Anticipated Problems and Planned Resolutions of Past or Anticipated Problems:

- Nothing to report at this time.

6. Modifications to Approved Work Plans or Schedules:

- Nothing to report at this time.

7. Summary off -site Shipments-

- 5,271.93 MT DJL Zinc Bunker Material in August.

- 52,780 lbs of scrap steel were sent to Grossman.
- 29,700 lbs of Hazardous Waste to Heritage
- (1) 40 yard container of nonhazardous waste sent to Roxanna Landfill.
- 3,940 lbs of nonhazardous waste sent to Midwest Landfill. ( Supersacks & Polydrums)
- (8) 4 yard containers of standard nonhazardous waste sent to Roxanna Landfill. (Office waste and electricians waster)
- As of 8/31/2015 the grand total of Slag and Zinc Bunker Material shipped to DJL Mining in 2015 is 34,603.92 metric tons

#### 8. Health and Safety

- Revised emergency action plan.

If you have any questions regarding this progress report, please feel free to call me at (314) 409-7283

Regards,

Steve Zuber

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